

- B<sup>n</sup>
- (g) a nucleic acid sequence presented as SEQ ID NO:4, or the complement thereof; and
  - (h) a nucleic acid sequence that hybridizes, under high stringency conditions to the sequence presented as SEQ ID NO:4, or the complement or a fragment thereof, wherein said isolated polynucleotide encodes a polypeptide having the biological activity of an endoglucanase.
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- B<sup>2</sup>
8. An expression construct including a polynucleotide sequence (i) having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2), or (ii) being capable of hybridizing to a probe derived from the nucleotide sequence disclosed in Figure 2 (SEQ ID NO:2) under conditions of intermediate to high stringency, or (iii) being complementary to a nucleotide sequence having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2).
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18. A substantially purified EGVI polypeptide with the biological activity of an endoglucanase, comprising a sequence selected from the group consisting of:

- B<sup>9</sup>
- (a) an amino acid sequence having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
  - (b) an amino acid sequence having at least 90% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
  - (c) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
  - (d) an amino acid sequence presented in Figure 2 (SEQ ID NO:2);
  - (e) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented as SEQ ID NO:2;
  - (f) an amino acid sequence presented as SEQ ID NO:2;
  - (g) a substantially purified biologically active fragment of the amino acid sequence presented as SEQ ID NO:2.
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- B<sup>10</sup>
25. A detergent composition, said composition comprising a polypeptide selected from the group consisting of:

- (a) an amino acid sequence having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);

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- (b) an amino acid sequence having at least 90% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
  - (c) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
  - (d) an amino acid sequence presented in Figure 2 (SEQ ID NO:2);
  - (e) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented as SEQ ID NO:2;
  - (f) an amino acid sequence presented as SEQ ID NO:2;
  - (g) a substantially purified biologically active fragment of the amino acid sequence presented as SEQ ID NO:2.
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